

CENTRAL VALLEY PROJECT  
SCHEDULE OF ESTIMATED M&I OPERATION & , MAINTENANCE COSTS  
BY FACILITY AND/OR COMPONENT  
2005 M&I WATER RATES

Facility/Contractor	Estimated 2005 M&I O&M & Corps Costs 1/	General Expense Cost Allocation 5/		Sub-Total	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2005 M&I Costs
		Percentage of Total	Allocation of Costs			
<b><u>Storage 6/</u></b>						
American River (Incl Sugar Pine D&R)						
Black Butte Reservoir	3/	93,525		93,525		93,525
Clear Creek Tunnel						
Columbia-Mowry System		24,964		24,964	1,418	26,382
Delta Cross Channel		59,119		59,119		59,119
F&WL Mitigation (Reimbursable)						
Coleman National Fish Hatchery		367,013		367,013		367,013
Wetlands Improvement						
Folsom D&R		58,875		58,875		58,875
Folsom Pipeline						
Folsom PP		47,869		47,869	8,464	56,333
Friant D&R		191,796		191,796	4,914	196,710
Gianelli, WR PGP					44,944	44,944
Less: GWRPG Direct Pumping	6/					
Regeneration Credit (A-10)	6/				(22,637)	(22,637)
Hill, CA Whiskeytown Dam		34,017		34,017		34,017
New Melones D&R						
Nimbus D&R		190,209		190,209		190,209
San Joaquin River		18,581		18,581		18,581
Sacramento River		50,970		50,970		50,970
Other Routine O&M Costs, San Luis Dam		1,456,833		1,456,833		1,456,833
Sly Park						
Shasta D&R		161,779		161,779	25,010	186,789
Trinity D&R		17,493		17,493		17,493
Total Storage (Water Ratesetting)	8/	2,773,043		2,773,043	62,113	2,835,156

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<b><u>Conveyance</u></b>						
Delta-Mendota Canal	8,669			8,669		8,669
Friant-Kern Canal	4,368			4,368		4,368
Life Safety Code Corrections	1,515			1,515		1,515
Red Bluff Diversion Dam	2,616			2,616		2,616
Red Bluff PP	3,495			3,495		3,495
San Luis Canal	145			145		145
Tehama-Colusa Canal	1,272			1,272		1,272
Tehama-Colusa Fish Facilities	68			68		68
Conveyance (Direct Billed)	22,148			22,148		22,148
Folsom-South Canal (Water Ratesetting)	405,000			405,000		405,000
Total Conveyance	427,148			427,148		427,148
<b><u>Conveyance Pumping</u></b>						
Dos Amigos PP					23,285	23,285
O'Neill PGP	966			966	105,368	106,334
Tracy PP					845,108	845,108
Total Conv. Pumping (Direct Billed)	966			966	973,761	974,727
<b><u>Direct Pumping</u></b>						
Colusa County WD					460	460
Contra Costa PP (Contra Costa WD)					432,719	432,719
Pleasant Valley PP (City of Coalinga)					17,597	17,597
San Benito County WD	4/					
Gianelli, WR PGP	6/				25,183	25,183
Pacheco PP					18,560	18,560
San Luis WD Relifts					1,479	1,479
Santa Clara Valley WD	4/					
Coyote PP					109,927	109,927
Gianelli, WR PGP	6/				528,206	528,206
Pacheco PP					389,303	389,303
Shasta PP ( City of Shasta Lake)					20,598	20,598
State-Delta PP (Cross Valley Canal)					1,272	1,272
Westlands WD Relifts					10,763	10,763
Wintu PP (Bella Vista WD)					28,672	28,672
Dos Amigos PP (Cross Valley Canal)					1,963	1,963
Total Direct Pumping					1,586,701	1,586,701
Sub Total	3,201,157			3,201,157	2,622,575	5,823,732

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		Percentage of Total	Allocation of Costs			
<b><u>Water Marketing Expense</u></b>						
Suisun Marsh Protection	91,627					
Contract Administration	1,087,701					
Water & Power Systems Control	625,496					
Other Expenses	848,796					
General Expense	5/ 76,593					
Non-Permanent Contractor Revenue	7/ (1,071,632)					
Total Water Marketing	1,658,581			1,658,581		1,658,581
Less: Direct Billed	(23,114)			(23,114)	(973,761)	(996,875)
Grand Total	4,836,624			4,836,624	1,648,814	6,485,438

**FOOTNOTES**

- 1/ Source of data - Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2005 (except for Black Butte Dam & Reservoir costs).  
2/ Not used  
3/ For allocation of Corps costs (Black Butte Dam & Reservoir), refer to support worksheet ( Replace OM) .  
4/ Suballocation of San Felipe Unit Direct Pumping Costs:

			Direct Pumping Allocation (Sch A-10) 7/			
	Projected 2005 Deliveries	Ratios	William R. Gianelli			
			Pump-Generator Plant PUE	Pacheco PP	Coyote PP	Grand Total
San Benito County WD	4,648	0.045506	25,183	18,560		43,743
S. Clara Valley WD (Sch. A-12)	97,500	0.954494	528,206	389,303	109,927	1,027,436
	102,148	1.000000	553,389	407,863	109,927	1,071,179
Total San Felipe	102,148	0.239661				
All Other Contractors	324,072	0.760339				
Total Storage	426,220	1.000000				

- 5/ General & Administrative (G&A) expenses have been incorporated into Water Marketing costs. Reimbursable costs are based on 18.5 percent of the total G&A costs included on Table 6 (see sources). M&I's share is based on the ratio of 2005 projected deliveries for M&I to the total Irrigation & M&I deliveries.  
6/ O&M costs for Gianelli, WR Pump Generator plant were combined with the B.F. Sisk Dam and Reservoir. For San Felipe Unit, O&M for Gianelli, WR PGP will be included as part of storage and not under direct pumping as in previous years rates through 1999.  
7/ Non-permanent revenue was calculated using a 5-yr average of the most recent actual non-permanent revenue (from O&M Expense Schedule) rounded to the nearest thousand.

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**FOOTNOTES (continued)**

8/ Storage Costs are broken down between San Felipe Unit Contractors and all others as follows:

	<b>San Felipe Unit Storage</b>	<b>All Other Storage Contractors</b>	<b>Total</b>
Projected 2005 Storage Deliveries	102,148	324,072	426,220
Ratios	0.239661	0.760339	1.000000
Allocated Gianelli, WR Pump Generator Costs			
Project Use Costs	*	44,944	44,944
Regeneration Credit		(22,637)	(22,637)
Allocated Other Storage O&M Costs	674,130	2,138,719	2,812,849
Total	674,130	2,161,026	2,835,156
Rate per Acre-foot (to Schedule A-8)	6.60	6.67	

\* San Felipe Unit contractors' share of the William R. Gianelli PG PUE has been included in the direct pumping section( see Schedule A-11, page 2)

**RECONCILIATION:**

<b>Adjustments to MP-3400 Data (Table 6)</b>					
	<b>MP-3400 Data (Table 6)</b>	<b>Black Butte D&amp;R</b>	<b>Direct Billed</b>	<b>Other Adjustments</b>	<b>Ratesetting Total **</b>
<b>Water Marketing &amp; Other Expenses</b>	2,716,521			(1,057,940) c/	1,658,581
<b>Storage</b>	2,679,518 b/	93,525 a/			2,773,043
<b>Conveyance</b>	427,148		(22,148)		405,000
<b>Conveyance Pumping</b>	966		(966)		
<b>Direct Pumping</b>	N/A				
Total	5,824,153	93,525	(23,114)	(1,057,940)	4,836,624

a/ Refer to footnote 3 above for details.

b/ Excludes \$30,112 for Black Butte D&R since costs are calculated based on a 5-year historical average. (see footnote 3)

c/

Suisun Marsh Protection	91,627
Non-Permanent Contractor Revenue	(1,071,632)
General Expense Adjustment	(77,935)
Total	(1,057,940)

\*\* May vary plus or minus 1 due to rounding.